

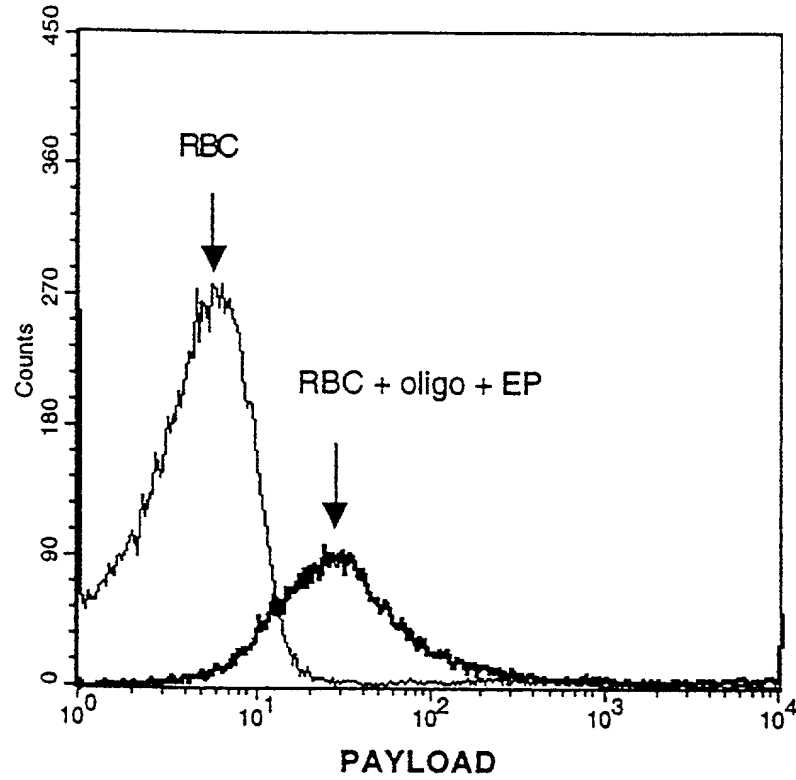
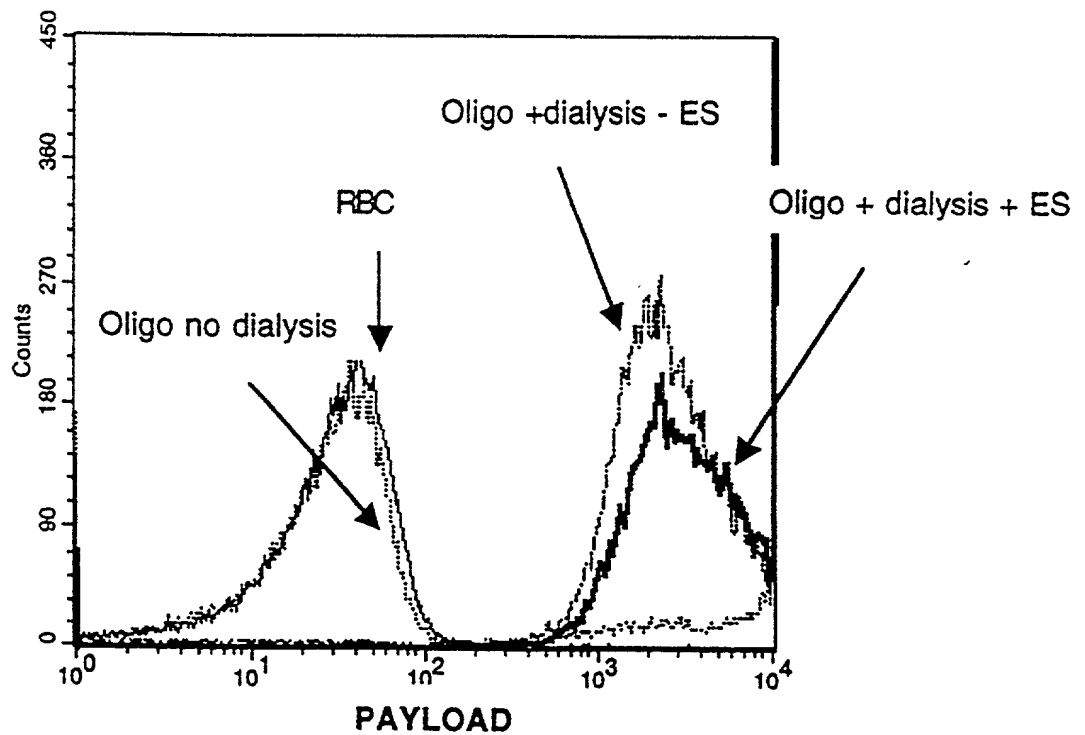
**A. ELECTROLOADING OF OLIGONUCLEOTIDE****B. GENDEL DIALYSIS LOADING OF OLIGONUCLEOTIDE**

Fig. 1

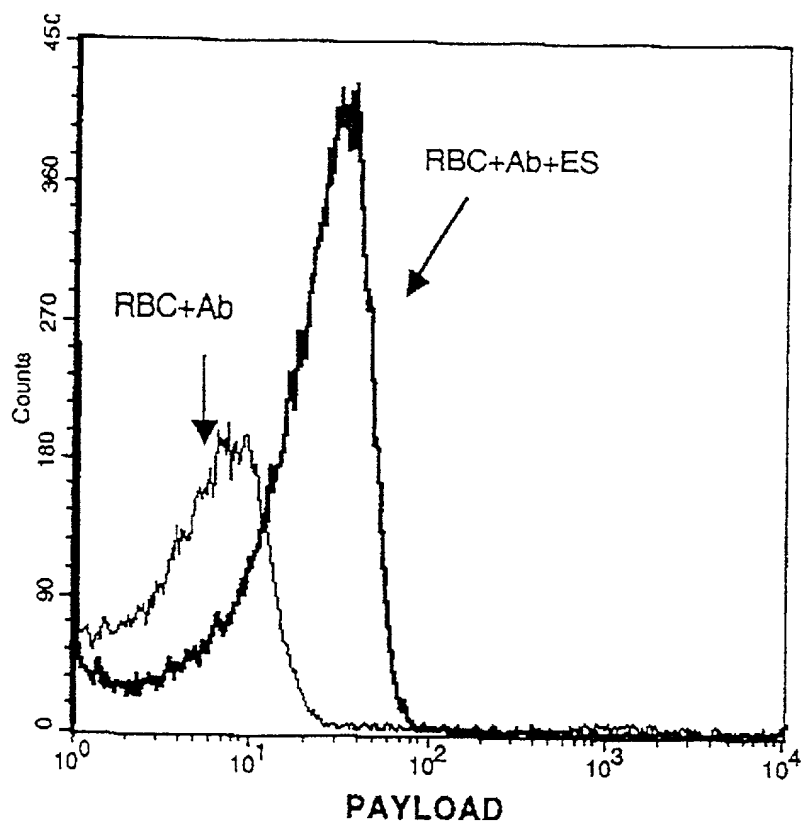
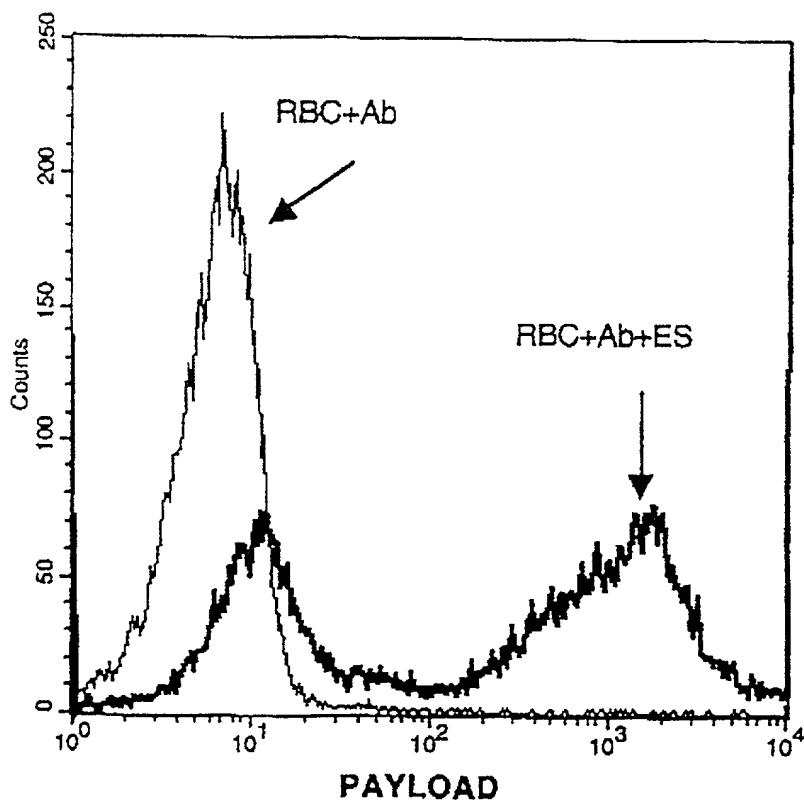
**A. ELECTROLOADING (EXPONENTIAL) OF ANTIBODY****B. ELECTROLOADING (SQUARE WAVE) OF ANTIBODY**

Fig. 2

# COMPARISON OF OSMOTIC DIALYSIS LOADING PROTOCOLS PUBLISHED VS GENDEL TECHNOLOGY

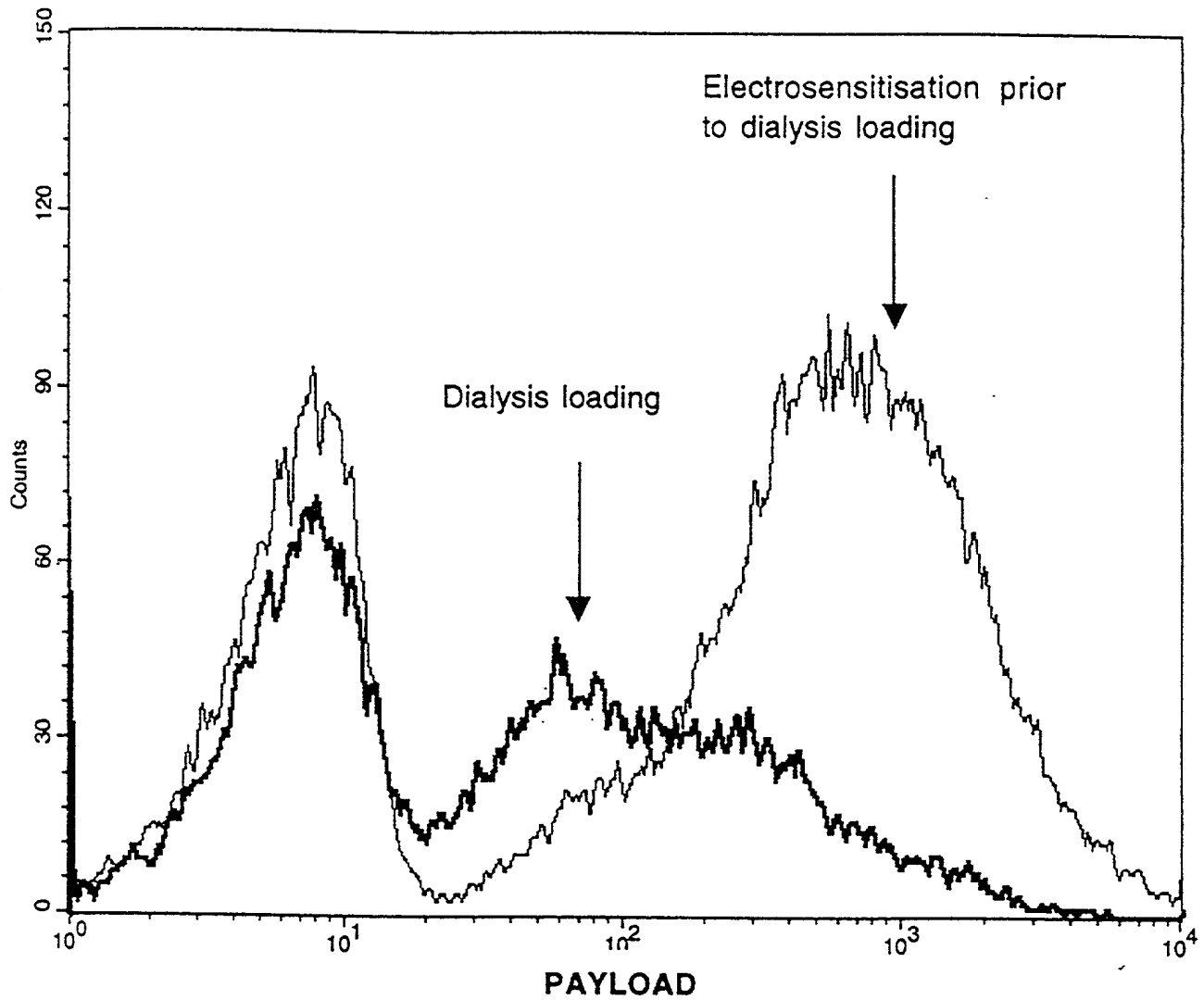


Fig. 3

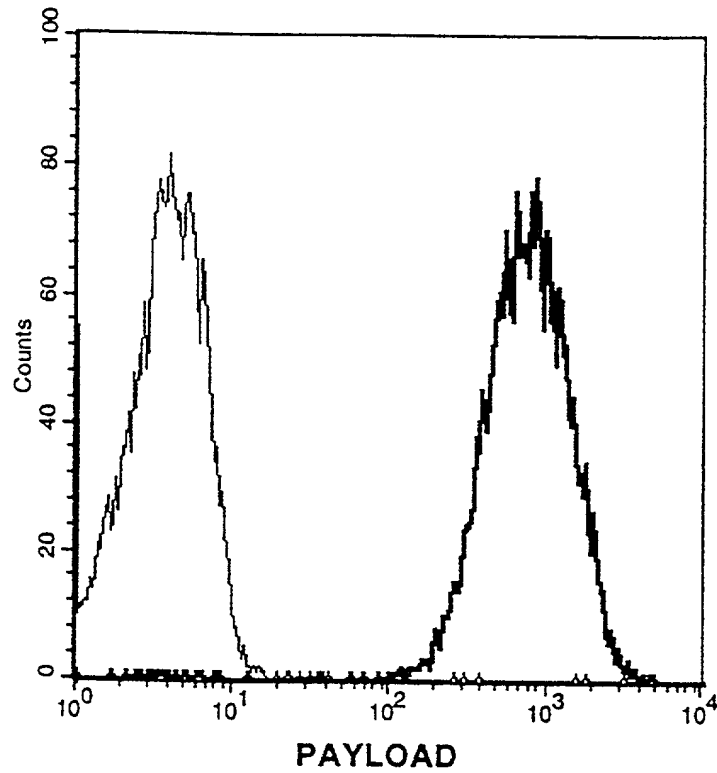
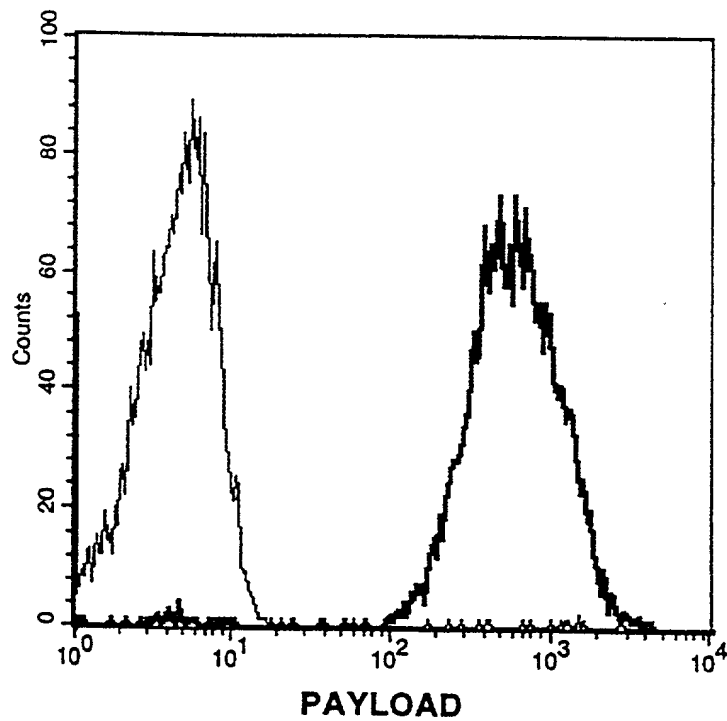
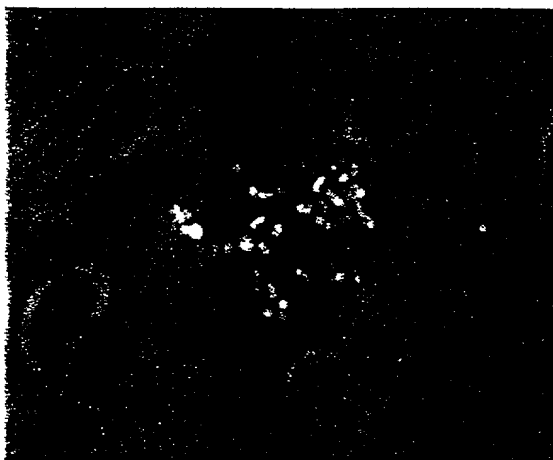
**A. GENDEL OSMOTIC LOADING WITH BUFFER A****B. GENDEL OSMOTIC LOADING WITH BUFFER B**

Fig. 4

A ULTRASOUND TREATMENT



B. NO ULTRASOUND TREATMENT

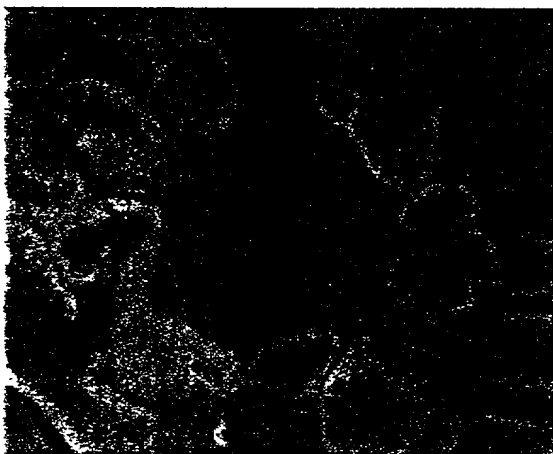


Fig. 5

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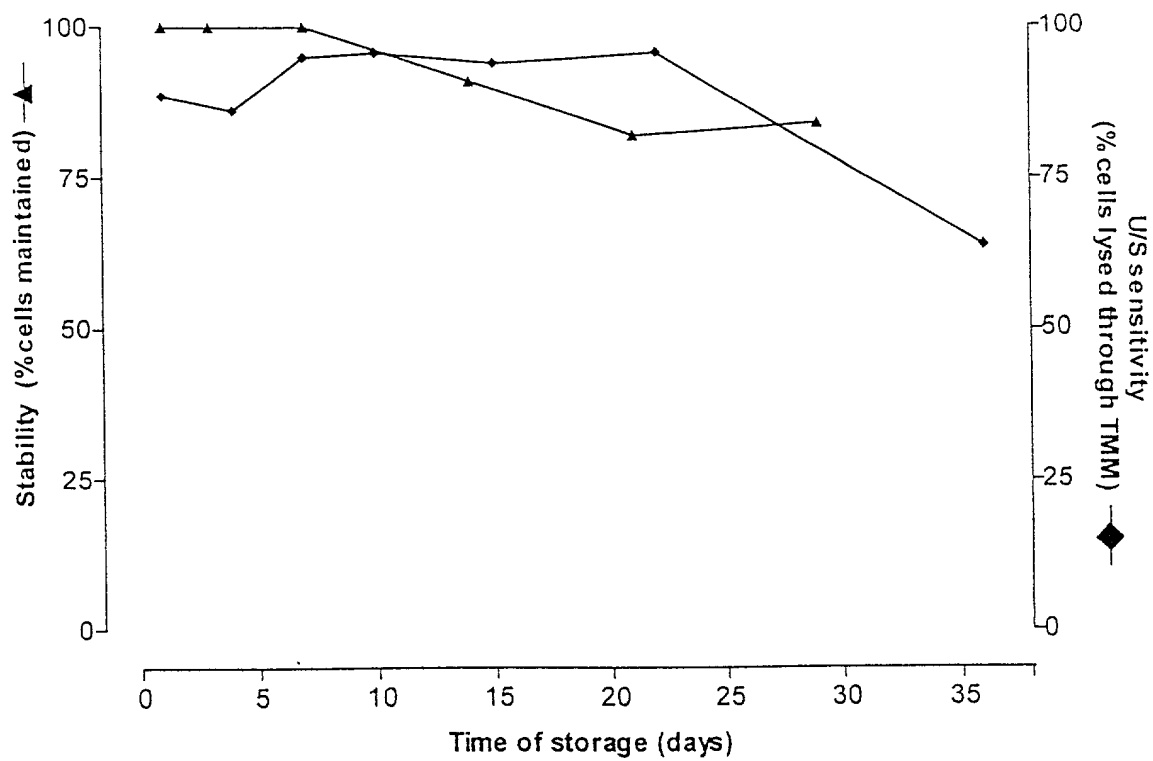


Fig. 6

## RETENTION OF PAYLOAD OVER 30 DAYS

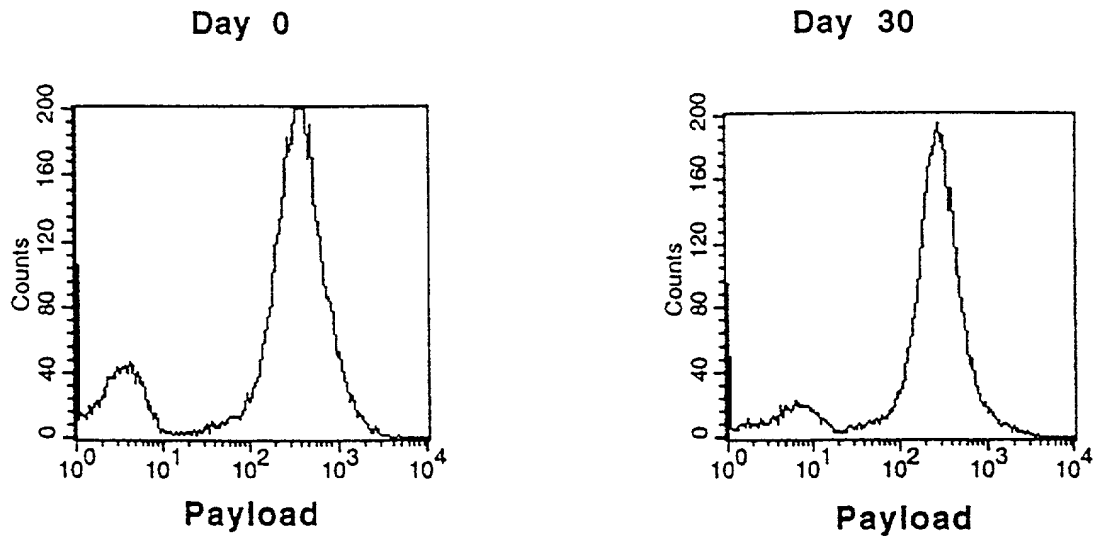


Fig. 7

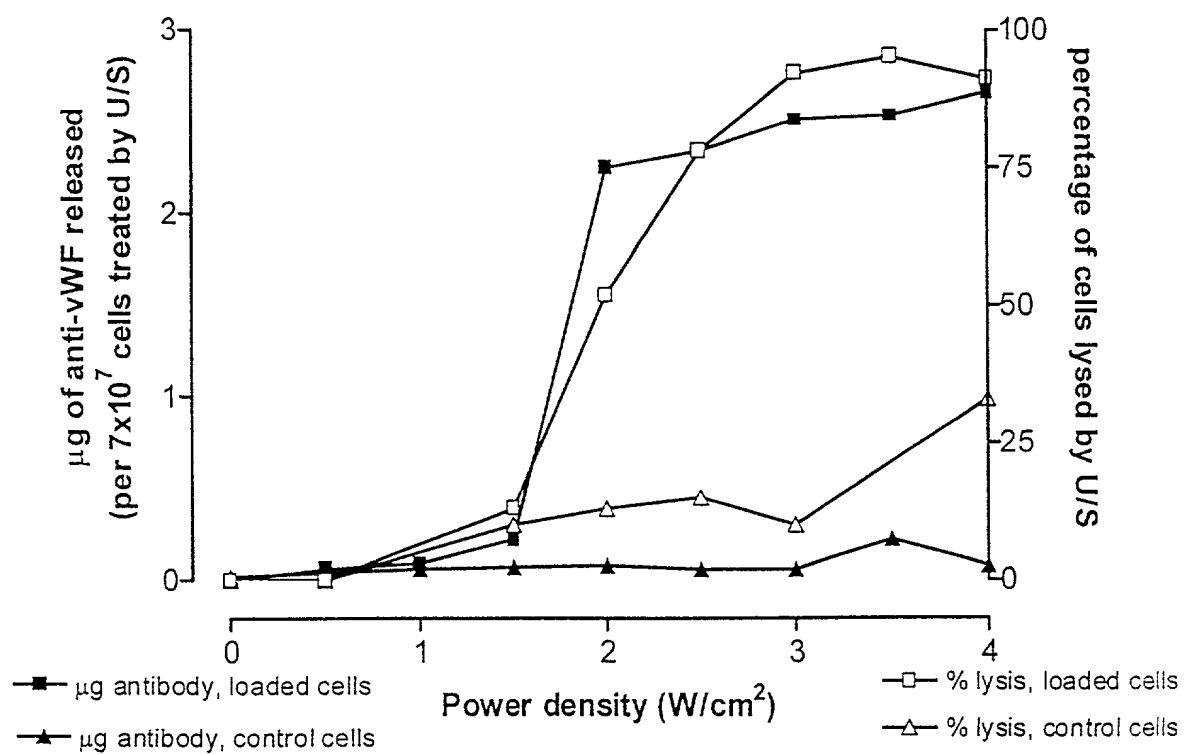


Fig. 8



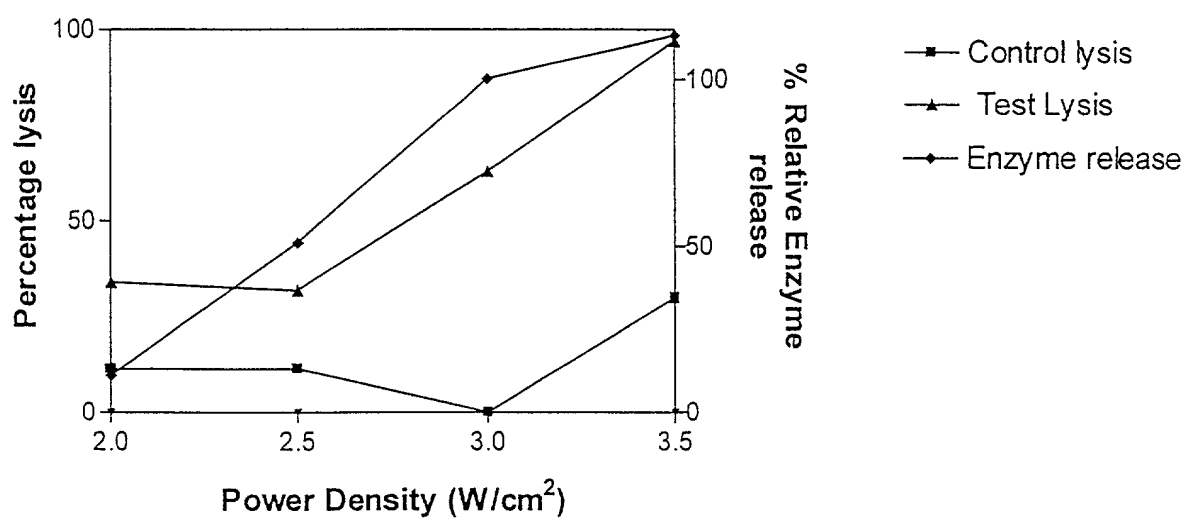


FIG. 9

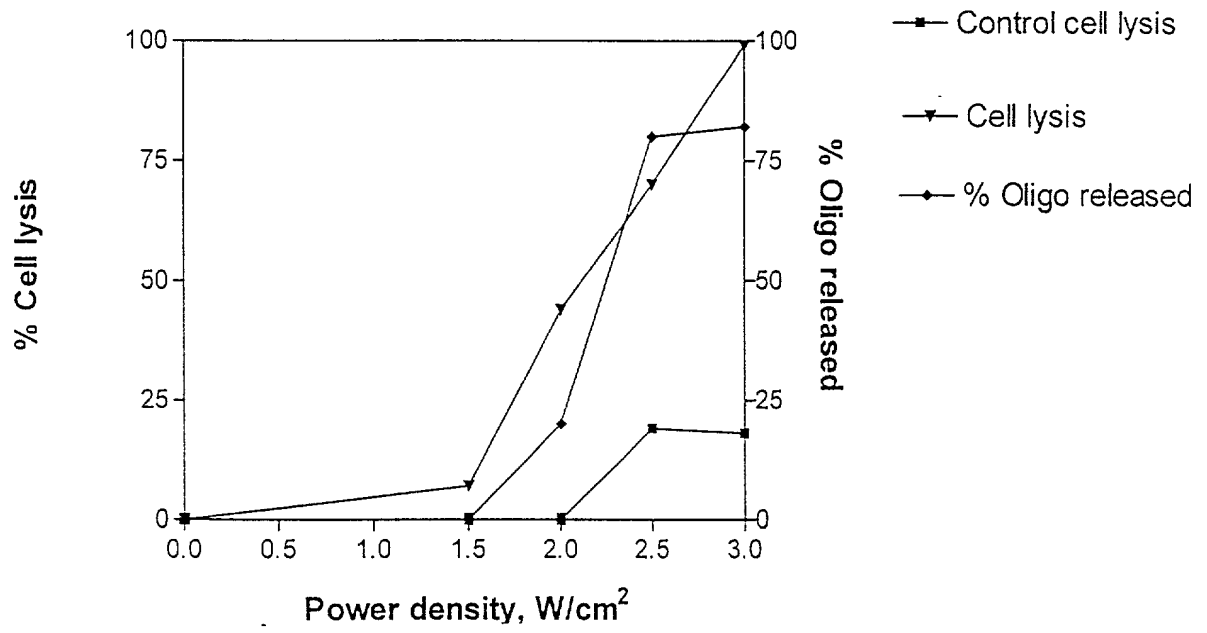


Fig. 10

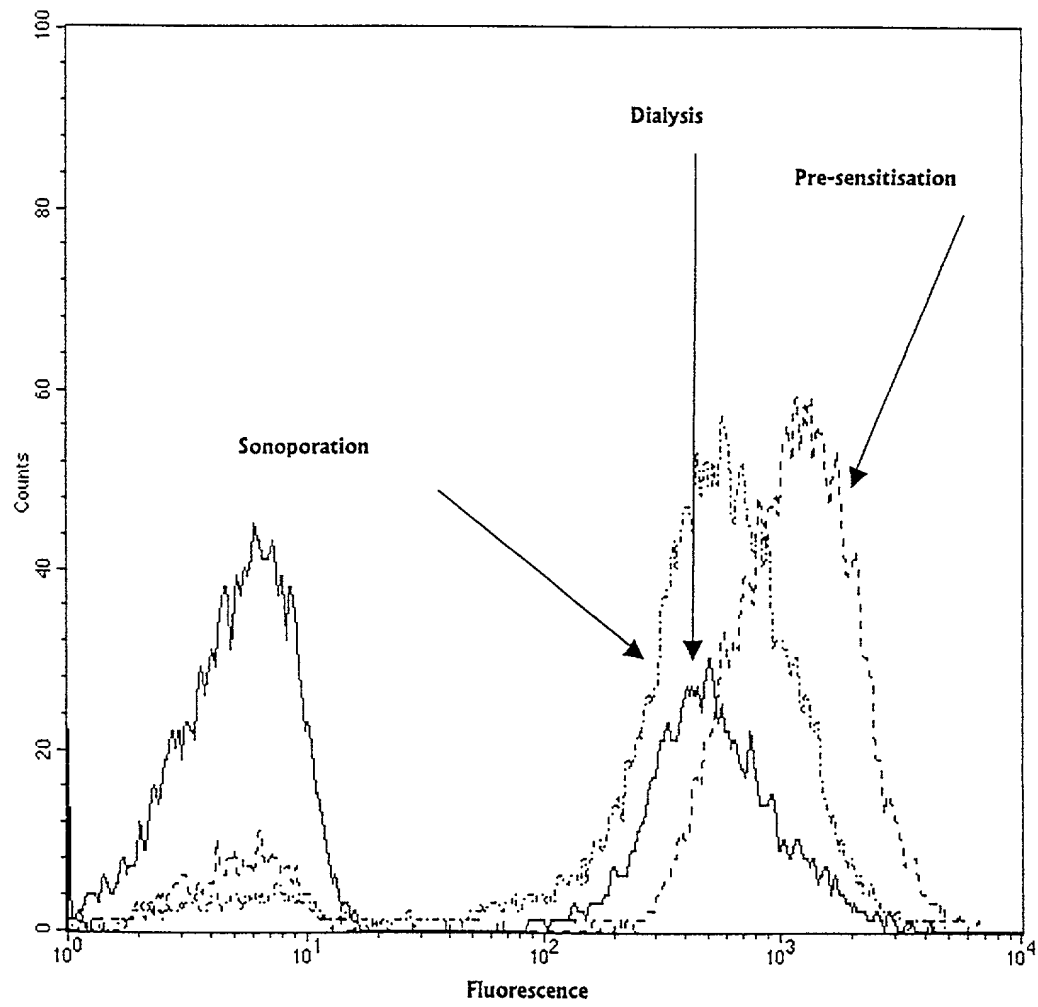


Fig.11

**CIRCULATING PHANTOM**  
**Ultrasound-induced antibody**  
**payload from spiked whole blood**  
**at 40% haematocrit**  
**(US - continuous wave, 5W/cm<sup>2</sup>)**

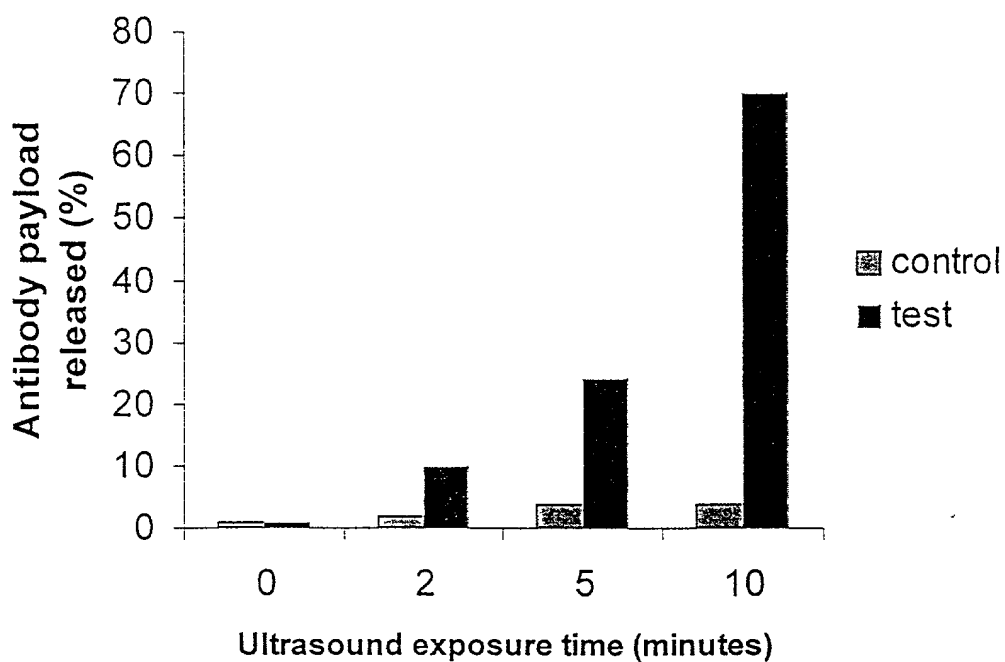


Fig. 12